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WELLINGTON RURAL DISTRICT.

Area in Acres	33,906
Population	6,277
Occupation	Chiefly Agricultural.	

Woollen Manufactures - at Wellington and Wiveliscombe;
Brickyards ... at Poole.

Geology - Upper part of New Red Sandstone series, with
thin beds of clay here and there.

M I L V E R T O N,

Somerset,

Feb. 2nd, 1910.

Gentlemen,

I have the honour of presenting your Council with my Annual Report for the year 1909.

Births.

During this period 127 Births have been registered in the district, producing an annual birth rate of 20 per 1000. This is a low birth rate, though a little higher than 1898, when it was only 18.7. The average birth rate for the last ten years is 22.41 per 1000.

Deaths.

During the past year there have been 74 deaths, giving an annual death rate of 11.7. This is below the average of the last ten years, which works out at 12.62 per 1000.

The infant mortality is low, only 8 infants having died in the district under the age of one year, producing a death rate of 62.9 on 1000 births. The average infant mortality is 79.63 per 1000.

Causes of Death.

Of the 74 deaths

1	was	caused	by	Diphtheria,
1	„	„	„	Diarrhoea
1	„	„	„	Puerperal Fever,
4	„	„	„	Phthisis,
13	„	„	„	Inflammatory Diseases of the Chest,
4	„	„	„	Cancer,
13	„	„	„	Heart Disease.

The only Death that calls for any comment is the one case of Diphtheria, a child of five years, which occurred at Maundown in the parish of Wiveliscombe. Several other children in the house had been ill with sore throats. The

sanitary condition of the premises was bad, and sufficient, at any rate, to predispose to infection. The case was brought before your Council, and measures were immediately taken to remedy the evil.

Ages at Death.

8	persons	died	under	1	year
3	,,	,,	from	1	to 5 years
4	,,	,,	,,	5	to 15 years
2	,,	,,	,,	15	to 25 years
21	,,	,,	,,	25	to 65 years
36	,,	,,	of	65	years and upwards.

Prevalence of Infectious Disease.

Only three cases of Infectious Disease have been reported to me during the year, and three cases have come under my notice from other sources. Of these six cases

- 3 were Diphtheria
- 1 was Erysipelas
- 1 ,, Scarlet Fever
- 1 ,, Puerperal Fever

One of the Diphtheria cases occurred at Maundown in the parish of Wiveliscombe; and the other two cases were sisters living in a house at Milverton. A blocked drain concealed under the floor of a sitting room was undoubtedly the cause of the outbreak.

There has been nothing in the shape of an epidemic during the year. The infectious disease list has been particularly light, and although I have no return to go upon, I am quite sure that there has been less general sickness in the District during the year than is generally the case. This was particularly marked during the summer months. No schools were closed on account of sickness during the year.

Sewerage, Drainage and Excrement Disposal.

Drainage works of minor importance have been undertaken at Sampford Arundel and at Milverton.

In the Autumn the village of Nynhead especially engaged

the attention of your Council. There can be no doubt but that the Eastern part of this parish was in a very neglected and insanitary condition. In several instances wells were polluted, and drainage and all other sanitary arrangements were very defective.

The cases were all brought before your Council, notices were served, and very soon a large number of nuisances had been abated. The sanitary condition of Nynehead has been greatly improved by these measures.

The old-fashioned closed and cess-pit has been exchanged for the earth closet, wells have been cleansed, and measures adopted to prevent, if possible, a further contamination from surface water.

Water Supply.

Six wells have been condemned by me as unfit for drinking purposes. A scarcity of water continues to exist for the houses at Higher Fitzhead. From their geographical position it seems impossible to provide these houses with a supply of water at a reasonable cost.

The Milverton water supply which has been augmented by taking in another spring has furnished a good and plentiful supply; there has been no shortage during the summer months. It now supplies about 220 houses in the town, and is particularly pure water.

The Blackmore Supply (West Buckland) continues to give satisfaction and works well.

Home Workers.

Have all been visited by me during the year. In one instance only was there anything to complain of, a house in such a dilapidated condition that it was unfit for habitation.

Housing of the Working Classes.

Three Houses have been condemned by me during the year as unfit for human habitation, and three new houses have been built in the district and certified under the Public Health Water Act.

Slaughter Houses, Dairies, Bakehouses and Workshops.

Have been visited by your Inspector during the year and some by myself. In a very few instances has there been anything to complain of.

Your Inspector informs me that about 45 nuisances have been reported to your Council by him during the year, and I think about 34 by myself. With a few exceptions these have been satisfactorily abated.

I beg to annex a Report I have received from Mr. Richards, your Sanitary Inspector.

I am, Gentlemen,

Your obedient servant,

Charles Rancolph
Med Officer of Health

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WELLINGTON RURAL DISTRICT COUNCIL.

1909.

Inspector's Report.

During the year 45 cases of nuisances, 3 overcrowding, and 8 impure water supply, have been reported to the Council, and with few exceptions have been satisfactorily dealt with. A number of cases have been dealt with by the owners without having been first reported to the Council. There have been 3 new cottages erected in the district during the year but there is a felt need for more labourers' cottages.

All the Dairies and Cowsheds have been visited and where necessary defects have been remedied.

The bakehouses, slaughter houses and workshops have been inspected and found generally satisfactory.

The water supply to Chelstone has engaged the attention of the Council. The owners of the wells have had them cleansed and produced certificates of analyses that the water is now fit for dietetic use.

The works of supplementary water supply from Leigh to the Reservoir at Milverton have been completed and the supply to the town of Milverton considerably augmented.

A connection has been made for the supply of water to Huntspath Farm House from the Blackmoor supply.

The Septic Tank at Heatherton has been improved and appears to be working satisfactorily.

Attention has been given to the drainage at Sampford Arundell village and a scheme approved.

A new sewer has been laid in High Street, Milverton.

(Signed) E. V. RICHARDS.

TABLE I.

Vital Statistics of Whole District during 1909 and previous Years.

Name of District Wellington Rural

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITU- TIONS IN THE DISTRICT.	Deaths of Non- residents registered in Public Institu- tions in the District.	Deaths of Residents registered in Public Institu- tions beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.					Number.	Rate.*
				Number.	Rate per 1,000 Births registered	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1899.	6615	156	23.5	15	96.15	96	14.5					
1900.		158	23.8	11	69.6	83	12.5					
1901.	6277	150	23.8	17	113.3	92	14.6					
1902.		154	25	6	38.2	83	13.2					
1903.		134	21.3	9	67.1	70	11.1					
1904.		141	22.4	8	56.7	82	13.06					
1905.		143	22.7	14	97.9	83	12.5					
1906.		115	18.3	8	69.5	71	11.3					
1907.		155	24.6	16	103.7	94	14.9					
1908.		118	18.7	10	84.7	59	9.3					
Averages for years 1899-1908.		142.4	22.4	11.4	79.63	81.3	12.69					
1909.		127	20.2	8	62.9	74	11.7					

* Rates in Columns 4 and 8 should be calculated per 1,000 of the estimated gross population. In districts in which large public institutions seriously affect the statistics, the rates in Column 13 may be calculated on a nett population, obtained by deducting from the estimated gross population the average number of inmates not belonging to the district in such institutions.

NOTE.—The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term “Non-residents” is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term “Residents” is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The “Public institutions” to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this Table.

Area of District in acres (exclusive of area covered by water).		Total population at all ages	} At Census of 1904.
33906		Number of inhabited houses	
		Average number of persons per house	

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District.	III. Other Institutions, the deaths in which have been distributed among the several localities in the District.
Taunton Hospital Lodge Ashburn		

Is the Union Workhouse within the District ? No

TABLE II.

Vital Statistics of separate Localities in 1909 and previous years.

Name of District

Wellington Rural

NAMES OF LOCALITIES.	1. _____				2. _____				3. _____				4. _____				5. _____				6. _____				7. _____			
	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
YEAR.																												
1899	6615	156	96	15																								
1900		158	83	11																								
1901		150	92	17																								
1902		157	83	6																								
1903		134	70	9																								
1904		141	82	8																								
1905		143	83	14																								
1906		115	71	8																								
1907		155	94	16																								
1908		118	59	10																								
Averages of Years 1899 to 1908.		142.4	81.3	11.4																								
1909		127	74	8																								

NOTES.—(a) The separate localities adopted for this table should be areas of which the populations are obtainable from the census returns, such as wards, parishes or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district: and blocks 2, 3, &c., for the several localities. In small districts without recognised divisions of known population this Table need not be filled up.

(b) Deaths of residents occurring in public institutions beyond the district are to be included in sub-columns *c* of this Table, and those of non-residents registered in public institutions in the district excluded. (See note on Table I. as to meaning of terms “resident” and “non-resident.”)

(c) Deaths of residents occurring in public institutions, whether within or without the district, are to be allotted to the respective localities according to the addresses of the deceased.

(d) Care should be taken that the gross totals of the several columns in this Table respectively equal the corresponding totals for the whole districts in Tables I. and IV.: thus, the totals of sub-columns *a*, *b* and *c* should agree with the figures for the year in the columns 2, 3, and 12, respectively, of Table I.: the gross total of the sub-columns *c* should agree with the total of column 2 in Table IV., and the gross total of sub-columns *d* with the total of column 3 in Table IV.

M 191.

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Name of District Wellington Rural

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.							NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.							
	At all Ages.	At Ages†—Years.					1	2	3	4	5	6	7	1	2	3	4	5	6	7	8
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.														Total cases removed to Hospital.
Small-pox																					
Cholera																					
Diphtheria (including Membranous croup) ...			1	2																	
Erysipelas							1														
Scarlet fever				1																	
Typhus fever																					
Enteric fever																					
Relapsing fever																					
Continued fever																					
Puerperal fever						1															
Plague																					
*																					
Totals		1		3		2															

NOTES.—The localities adopted for this table should be the same as those in Tables II. and IV.

State in space below the name of the isolation hospital, if any, to which residents in the district, suffering from infectious disease, are usually sent, and the accommodation, available for the district, afforded by it. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. The name of the authority by whom the hospital is provided should also be given. Mark (W) the locality in which a workhouse is situated.

* This space may be used for record of other disease the notification (compulsory or voluntary) of which is in force in the district.

† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

* * * Column 8 should be filled up with the Totals of cases removed to Hospital, whether the District is divided into separate localities or is treated as one undivided area.

M 192. Isolation Hospital—Name and Situation None Total available beds Number of Diseases that can be concurrently treated

Causes of, and Ages at, Death during Year 1909.

Name of District Wellington Rural

(See Notes at Back.)

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS AT ALL AGES OF "RESIDENTS" BELONGING TO LOCALITIES, WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							TOTAL DEATHS WHETHER OF "RESIDENTS" OR "NON-RESIDENTS" IN PUBLIC INSTITUTIONS IN THE DISTRICT.
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Small-pox ...															
Measles ...															
Scarlet fever ...															
Whooping-cough ...															
Diphtheria (including Membranous croup)	/			/											
Croup ...															
(Typhus ...															
Fever { Enteric ...															
Other continued															
Epidemic influenza ...															
Cholera ...															
Plague ...															
Diarrhoea. (See notes at back.)	/	/													
Enteritis. (See notes at back.)															
Gastritis. (See notes at back.)															
Puerperal fever. (See notes at back.)	/					/									
Erysipelas ...															
Phthisis, (Pulmonary Tuberculosis).	4				/	2	/								
Other tuberculous diseases.	/			/											
Cancer, malignant disease. (See notes at back.)	4						4								
Bronchitis ...	13	2	/	/	/	2	6								
Pneumonia ...															
Pleurisy ...															
Other diseases of Respiratory organs.															
Alcoholism {															
Cirrhosis of liver }															
Venereal diseases ...															
Premature birth ...	3	3													
Diseases and accidents of parturition ...	/					/									
Heart diseases...	13					6	7								
Accidents ...	2		/			/									
Suicides ...															
All other causes ...	30	2	/	/		8	18								
All causes ...	74	8	3	4	2	21	36								

NOTES TO TABLES IV. AND V.

- (a) In Table IV., all deaths of "Residents" occurring in public institutions, whether within or without the district, are to be *included* with the other deaths in the columns for the several age groups (columns 2-8). They are also, in columns 9-15, to be *included* among the deaths in their respective "Localities" according to the previous addresses of the deceased as given by the Registrars. Deaths of "Non-residents" occurring in public institutions in the district are in like manner to be *excluded* from columns 2-8 and 9-15 of Table IV.
- (b) See notes on Table I. as to the meaning of "Residents" and "Non-residents," and as to the "Public Institutions" to be taken into account for the purposes of these Tables. The "Localities" in Table IV. should be the same as those in Tables II. and III.
- (c) All deaths occurring in public institutions situated within the district, whether of "Residents" or of "Non-residents," are, in addition to being dealt with as in note (a), to be entered in the last column of Table IV. The total number in this column should equal the figures for the year in column 9, Table I.
- (d) The total deaths in the several "Localities" in columns 9-15 of Table IV. should equal those for the year in the same localities in Table II, sub-columns c. The total deaths at all ages in column 2 of Table IV. should equal the gross total of columns 9-15, and the figures for the year in column 12 of Table I.
- (e) Under the heading of "Diarrhœa" are to be included deaths registered as due to Epidemic diarrhœa, Epidemic enteritis, Infective enteritis, Zymotic enteritis, Summer diarrhœa, Dysentery and Dysenteric diarrhœa, Choleraic diarrhœa, Cholera (other than Asiatic or epidemic), and Cholera Nostras.
- Deaths from diarrhœa secondary to some other well-defined disease should be included under the latter.
- Deaths from Enteritis, Mucro-Enteritis, Gastro-Enteritis, and Gastritis (see under the heading Diarrhœal Diseases in Table V.) in Tables IV. and V. should be placed immediately below, but separately from, those enumerated under the heading Diarrhœa as defined by enumeration above. This is particularly important for deaths under one year of age, as many of the deaths in infancy returned as due to Enteritis are really caused by Epidemic Diarrhœa. In the course of years, by the adoption of this recommendation, it will be practicable to ascertain the probable amount of transfer between these different headings.
- (f) Under the headings of "Cancer" and "Puerperal fever" should be included all registered deaths from causes comprised within these general terms. Thus: Under "Cancer" should be included deaths from Cancer, Carcinoma, Malignant disease, Scirrhus, Epithelioma, Sarcoma, Villous tumour, and Papilloma of bladder, Rodent ulcer. Under "Puerperal Fever" are to be included deaths from Pyæmia, Septicæmia, Sapræmia, Pelvic peritonitis, Peri- and Endo-Metritis occurring in the Puerperium.
- (g) Under "Congenital Defects" in Table V. are to be included deaths from Atelectasis, Icterus neonatorum, Navel hæmorrhage, Malformations and Congenital hydrocephalus.
- (h) Under "Tuberculous Meningitis" are to be included deaths from Acute hydrocephalus.
- (i) Under "Other Tuberculous Diseases" are to be included deaths from Tuberculosis, Tuberculosis of bones, joints and other organs, Lupus and Scrofula.
- (j) All deaths certified by registered Medical Practitioners and all Inquest cases are to be classed as "Certified"; all other deaths are to be regarded as "Uncertified."

In recording the facts under the various headings of Tables I., II., III., IV. and V., attention has been given to the notes on the Tables.

Charles Randolph Medical Officer of Health.

Date *Feb 2nd* 1910.

Table V.

V.

Wellington Rural

{ Borough.
District.

INFANTILE MORTALITY DURING THE YEAR 1909.

Deaths from stated Causes in Weeks and Months under One Year of Age.

(See Notes at back of Table IV.)

CAUSE OF DEATH.				Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.	
All Causes.	{	Certified	...																		
		Uncertified	...																		
i. Common Infectious Diseases.	{	Small-pox	...																		
		Chicken-pox	...																		
		Measles	...																		
		Scarlet Fever	...																		
		Diphtheria (including Membranous Croup)	...																		
ii. Diarrhoeal Diseases. (See Notes to Table IV.)	{	Whooping Cough	...																		
		Diarrhoea, all forms	...						/											/	
		Enteritis, Muco-enteritis, Gastro-enteritis	...																		
		Gastritis, Gastro-intestinal Catarrh	...																		
		Premature Birth	...	3				3													3
iii. Wasting Diseases.	{	Congenital Defects (See Notes to Table IV.)	...																		
		Injury at Birth	...																		
		Want of Breast-milk, Starvation	...																		
		Atrophy, Debility, Marasmus	...																		
		Tuberculous Meningitis (See Notes to Table IV.)	...																		
iv. Tuberculous Diseases.	{	Tuberculous Peritonitis : Tabes Mesenterica	...																		
		Other Tuberculous Diseases (See Notes to Table IV.)	...																		
		Erysipelas	...																		
		Syphilis	...																		
		Rickets	...																		
v. Other Causes.	{	Meningitis (not Tuberculous)	...																		
		Convulsions	...		/		/	2		/											3
		Bronchitis	...						/												/
		Laryngitis	...																		
		Pneumonia	...																		
		Suffocation, overlying	...																		
		Other causes	...																		
				3	/		/	5	/	2										8	

District (or sub-division) of
Population.

Births in the year {
legitimate
illegitimate
}
Deaths in the year of {
legitimate infants
illegitimate infants
}

Deaths from all Causes at all Ages

